



Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

APR 15 2003

03-PRO-0415

Mr. D. B. Van Leuven, President
and Chief Executive Officer
Fluor Hanford, Inc.
Richland, Washington 99352

CONTRACT NO. DE-AC06-96RL13200 – EXECUTION OF CONTRACT MODIFICATION
M180

Enclosed for your files is one fully executed original of the subject contract Modification,
including one duplicate original of Fiscal Year 2003-2006, Performance Incentive S-3,
Stabilize/Dispose of High-Risk Nuclear Materials. If you have any questions regarding this
matter, please contact me at (509) 376-7395.

Sincerely,


Keith A. Klein
Manager

PRO:DES

Enclosures

cc w/encls:
S. W. Bork, FHI
W. J. Hoogendoorn, FHI

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 11 PAGES
2. AMENDMENT/MODIFICATION NO. M180	3. EFFECTIVE DATE April 14, 2003	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy Richland Operations Office 825 Jadwin Avenue; MSIN A7-80 Richland WA 99352	7. ADMINISTERED BY (If other than Item 6)	CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, city, county, state and zip code) Fluor Hanford, Inc. 2420 Stevens Drive P.O. Box 1000 Richland WA 99352		(X)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC06-96RL13200
CODE		10B. DATED (SEE ITEM 13) 08/06/96	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clause H.33: Performance Objectives, Measures, Expectations, and Fee Dist.
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to revise Performance Incentive S-3 and incorporate the change into Part III, Section J, Appendix D of the contract.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) David B. Van Leuven, President and Chief Executive Officer	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Keith A. Klein Manager
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)
15C. DATE SIGNED 4/14/03	16C. DATE SIGNED APR 11 2003

FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE
S-3 - Stabilize/Dispose of High-Risk Nuclear Materials
Rev, 1, 03/18/03

Desired Endpoint/Outcome: Eliminate risk of special nuclear material to the Hanford Site.
\$78.0M of the fee available in Contract Clause B.4

Performance Objective 1: Cleanout K-Basins and transition to River Corridor by 10/30/05.
\$40.0 M of the fee available in Contract Clause B.4.

Performance Objective 1a: Cleanout K-East Basin by 6/30/05.

- \$2.0 M may be earned as provisional payment in 10 increments of 360 fuel canisters transferred from K-East to K-West. This provisional payment shall convert to progress payment if all K-East fuel is transferred to K-West Basin by 1/31/04 or upon cleanout of K-East Basin (removal of all spent nuclear fuel, sludge, debris and water) by 6/30/05, linearly decreasing per day to \$0 by 9/30/05. Increments payable as follows:
 - Increment 1-2 at \$500K each
 - Increment 3-6 at \$200K each
 - Increment 7-10 at \$50K each
- \$3.0 M may be earned as provisional payment in 14 increments of 3 cubic meters and 1 increment of remainder cubic meters of sludge moved from K-East to T-Plant. Increments payable as follows:
 - Increment 1 at \$1 M
 - Increment 2-4 at \$300K each
 - Increment 5-15 at \$100K each

This provisional payment shall convert to progress payment upon cleanout of K-East Basin (removal of all spent nuclear fuel, sludge, debris and water) by 6/30/05, linearly decreasing per day to \$0 by 9/30/05.
- \$3.0 M may be earned as progress payment upon removal of all water from K-East.
- \$4.0 M may be earned as progress payment upon cleanout of K-East Basin (removal of all spent nuclear fuel, sludge, debris and water) by 6/30/05, linearly decreasing per day to \$0 by 9/30/05.

Performance Objective 1b: Cleanout K-West Basin by 9/30/05

- \$5.0 M may be earned as progress payments in 9 increments of 113MTHM and 1 final increment of remaining MTHM of SNF moved from K-West.
- \$2.0 M may be earned as progress payments in 4 increments of 80 MCOs and 1 final increment of 80 plus MCOs welded and stored in CSB in final configuration.
- \$3.0 M may be earned as progress payment upon completion of all sludge moved from K-West to T-Plant.
- \$3.0 M may be earned as progress payment upon removal of all water from K-West.
- \$5.0 M may be earned as progress payment upon cleanout of K-West Basin (removal of all spent nuclear fuel, sludge, debris and water) by 9/30/05, linearly decreasing per day to \$0 by 12/30/05

Performance Objective 1c: Complete deactivation and transition to River Corridor Contractor by 10/30/05.

- \$10 M may be earned as progress payment upon deactivation of all facilities as delineated in the final facility Endpoint Criteria document and transferred to the River Corridor Contractor by 10/30/05, linearly decreasing per day to \$0 by 1/30/06.

FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE
S-3 - Stabilize/Dispose of High-Risk Nuclear Materials
Rev, 1, 03/18/03

Performance Objective 2: Complete Pu Stabilization and Packaging, de-inventory, and protected area elimination of Plutonium Finishing Plant (PFP) by 12/30/05.

\$24.0 M of the fee available in Contract Clause B.4

Performance Objective 2a: Complete stabilization & packaging of DNFSB 2000-1 Pu bearing materials by 2/18/04

- \$2.5 M may be earned as progress payment in 9 increments of 500 items and 1 increment of 166 items of polycubes and oxides stabilized and packaged.
- \$1.0 M may be earned as provisional payment upon completion of all polycubes.
- \$5.0 M may be earned as progress payment and the provisional payment convert to progress payment upon completion of all stabilization and packaging of Pu bearing materials by 2/18/04, linearly decreasing per day to \$0 by 5/18/04.

Performance Objective 2b: Complete shipment of special nuclear material to Savannah River Site or a DOE approved interim storage facility by 9/30/05.

- \$1.0 M may be earned as provisional payment for initial shipment to Savannah River.
- \$2.0 M may be earned as progress payment in 10 increments of 10% of SNM shipped.
- \$1.5 M may be earned as progress payment and the provisional payments convert to progress payment upon completion of all shipments by 9/30/05, linearly decreasing per day to \$0 by 12/30/05.

Performance Objective 2c: \$4.5 M may be earned as provisional payment in 10 increments of 10% of Pu holdup removed and dispositioned. Provisional payments convert to progress payment upon completion of Pu holdup removal and disposition by 9/30/05, linearly decreasing per day to \$0 by 12/30/05. Increments payable as follows:

- Increment 1-2 at \$1 M each
- Increment 3-6 at \$400K each
- Increment 7-10 at \$225K each

Performance Objective 2d: \$6.5 M may be earned as progress payment when the PFP Protected Area is eliminated by 12/30/05, linearly decreasing per day to \$0 by 3/30/06.

Performance Objective 3: Place all Cesium/Strontium (Cs/Sr) capsule packages into dry storage by 9/30/06.

\$12.0 M of the fee available in Contract Clause B.4

- \$2.0 M may be earned as provisional payment upon completion of fabrication and construction/modifications for dry storage and successfully complete the Readiness Review activities in accordance with DOE Order 425.1B, Startup and Restart of Nuclear Facilities. Provisional payment converts to progress payment upon placement of the first capsule into dry storage.
- \$4.0 M may be earned as progress payment in 4 increments of 25% of capsule inventory placed into dry storage.
- \$6.0 M may be earned as progress payment upon placement of all capsules into dry storage by 9/30/06

FY 2003 – FY 2006 FHI PERFORMANCE INCENTIVE
S-3 - Stabilize/Dispose of High-Risk Nuclear Materials
Rev, 1, 03/18/03

Performance Objective 4: Remove sodium and fuel assemblies from Fast Flux Test Facility (FFTF) within 293 calendar days of RL CO direction to proceed with deactivation.

\$2.0 M of the fee available in Contract Clause B.4.

Performance Objective 4a: Drain secondary sodium within 57 calendar days of RL CO direction to proceed with deactivation.

- \$0.500 M may be earned as progress payment upon removal of secondary sodium.

Performance Objective 4b: Remove fuel assemblies within 293 calendar days of RL CO direction to proceed with deactivation.

- \$1.500 M may be earned in incremental progress payments upon removal of 81 fuel assemblies within 293 calendar days of RL CO direction to proceed with deactivation as follows:
 - \$0.900 M for the first nine casks (60 assemblies)
 - \$0.200 M for each additional cask (up to 3) of 7 assemblies per cask

Signatures

D.B. Van Leuven, President & Chief Executive Officer
Fluor Hanford, Inc.

Date

K.A. Klein, Manager
Richland Operations Office

Date

Attachment 1

DOE-RL Performance Completion Criteria/Evaluation Document

Rev. 1, 3/18/03

The following completion criteria, assumptions and GFI/GFS commitments establish the technical and regulatory basis upon which the accelerated closure actions and dates are premised. This does not assume that issues associated with the assumptions have been resolved; but rather, that we have reached agreement that the assumptions have merit and we will work together with affected organizations and agencies to resolve the issues.

<p>FY 2003 - FY 2006 FHI PERFORMANCE INCENTIVE S-3 - Stabilize/Dispose of High-Risk Nuclear Materials</p>

Performance Objective 1: Cleanout K-Basins and transition to River Corridor by 10/30/05.

Performance Objective 1a: Cleanout K-East Basin by 6/30/05

- Complete removal of fuel from K-East to K-West Basin
Remove all spent nuclear fuel from the K-East Basin and transport to the K-West Basin.
- Complete removal of sludge from K-East Basin and placed into T-Plant
Remove visible sludge from the K-East Basin floor and pits; collect, pump to a loadout system and transport containers to 200 W Area for off-loading and interim storage at the T-Plant Facility. Sludge shall meet the waste acceptance criteria for T-Plant. It is understood that additional fuel fragments may be discovered during the removal of sludge; however, this will not adversely impact the fuel removal completion criteria.
- Complete removal of all water from K-East Basin. .
Remove water from K-East Basin and transfer to the 200 Area Effluent Treatment Facility (ETF). The water shall meet the acceptance criteria for ETF.
- Remove all spent nuclear fuel, sludge, debris (including canisters, etc.) and water from K-East Basins. The Contractor will have obtained DOE-RL approval on a Proposal for a new K-Basins to River Corridor Transition Endpoint prior to effecting changes towards a new cleanup/cleanout approach at K-Basins. The proposal must resolve at least the following four areas of concern: (1) Regulatory approaches; (2) Cost effectiveness of the remaining lifecycle work scope; (3) All potential ERDF WAC impact considerations; (4) Worker and Public safety (e.g., ALARA)

Assumptions:

- See Performance Objective 1C

Performance Objective 1b: Cleanout K-West Basin by 9/30/05.

- Complete removal of fuel from K-West Basin
Remove all spent nuclear fuel from the K-West Basin and transport to the Cold Vacuum Drying Facility.
- Store MCOs in Canister Storage Building, welded and in final configuration ready for transfer to national geologic repository. Included are only the MCOs containing K-Basins fuel and the SSFCs (Shippingport Spent Fuel Containers) containing the Shippingport PWR fuel removed from T-Plant. Excluded is the final welding of the MCOs designated in the MCO Monitoring Plan, SNF-5536, for long-term monitoring.
- Complete removal of sludge from K-West Basin and place into T-Plant
Remove visible sludge (floor, pits and canister sludge); collect, and transport containers to 200 W Area for off-loading and interim storage at the T-Plant or other appropriate storage facility. Sludge shall meet the waste acceptance criteria for T-Plant. It is understood that additional fuel fragments may be discovered during the removal of sludge; however, this will not adversely impact the fuel removal completion criteria.
- Complete removal of all water from K- West Basin.

Remove water from K-West Basin and transfer to the 200 Area ETF. The water shall meet the acceptance criteria for ETF.

- Remove all spent nuclear fuel, sludge, debris (including canisters, etc.) and water from K-West Basins. The Contractor will have obtained DOE-RL approval on a Proposal for a new K-Basins to River Corridor Transition Endpoint prior to effecting changes towards a new cleanup/cleanout approach at K-Basins. The proposal must resolve at least the following four areas of concern: (1) Regulatory approaches; (2) Cost effectiveness of the remaining lifecycle work scope; (3) All potential ERDF WAC impact considerations; (4) Worker and Public safety (e.g., ALARA)

Assumptions:

- See Performance Objective 1C

Performance Objective 1c: Complete deactivation and transition to River Corridor Contractor by 10/30/05

- Deactivate Cold Vacuum Drying Facility and all other ancillary facilities in the 100K Area and transfer to the River Corridor Contractor. All facilities shall meet deactivation criteria as delineated in the final facility Endpoint Criteria document.

Assumptions

- FH controls the interface to minimize interferences between welding, and design and construction of the modifications to CSB necessary to receive vitrified High Level Waste from WTP.
- For K-East Sludge Water system: Based on agreements reached in recent meetings between DOE-RL and FH, DOE will approve FH's SNM Accountability Deviation Request to allow Termination of SNM Safeguards for sludge, prior to shipment to T Plant; with no additional sampling/analysis.
- Approval of changes to the following TPA milestones:
 - M-34-27-T01 – Move 1,252 MTHM (5/31/03)
 - M-34-28 - Move 1,619 MTHM (12/31/03)
 - M-34-10/DNFSB #120 – Complete sludge removal (8/31/04)
 - M-34-09-T01 – Complete K Basins racks and canister removal (1/31/05)
 - M-34-23 - Initiate KE Water Removal (9/30/04)
- For K East sludge removal, the Authorization Basis will be modified to allow floor/pit sludge transfers of up to 2.0 cubic meters per Large Diameter Container, without intermediate settling periods.
- Authorization Basis will be modified to allow for 5 or 6 scrap baskets per MCO
- The accountability value determination of the nuclear material (NM) located in the knock out pots in the K-West Basin will be determined by proportioning the total net knock out pot weight (based on the scrap weight generated by each key), and multiplying the value by the NM concentration of scrap from each key, and summing up each portion to arrive at a total. A formal deviation may be required.
- The accountability value determination of the nuclear material (NM) located in the Settler Piping in the K-West Basin will be determined by proportioning the total net Settler Piping weight (based on the scrap weight generated by each key), and multiplying the value by the NM concentration of scrap from each key, and summing up each portion to arrive at a total. A formal deviation may be required.
- The North Loadout Pit sludge in K-West will be adequately characterized and measured to assign an accountability value,. The same loading method as will be used for K-East sludge, will be adequate for assigning accountability values to individual containers of this K-West sludge stream.
- SNF Scrap may be loaded into scrap baskets and Containers (e.g., MCO's) irrespective of fuel type, provided a calibrated weight measurement is recorded and accountability values are assigned.

Performance Objective 2: Complete Pu Stabilization and Packaging, de-inventory, and protected area elimination of Plutonium Finishing Plant (PFP) by 12/30/05.

Performance Objective 2a: Complete stabilization & packaging of DNFSB 2000-1 Pu bearing materials by 2/18/04

- Completion of the DNFSB milestone is considered met when all material of a category identified in the current DOE Implementation Plan (IP) for Recommendation from 2000-1 has been stabilized and/or dispositioned in accordance with the DNFSB 2000-1 Implementation Plan except the new “metals milestone” (weld porosity issue to be resolved by HQ, RL and SR).
- The plutonium materials stabilization is considered complete when they have met the DOE-STD-3013 standard and are packaged and placed into vault storage.
- Plutonium residues are considered stabilized when they are treated (if required) and placed in a drum/pipe, and meet the Hanford Site Solid Waste Acceptance Criteria which incorporates the current WIPP Waste Acceptance Criteria (WAC) requirements. Residues shall be packaged as appropriate to meet Hanford Site Solid Waste Acceptance Criteria (HNF-EP-0063) and WIPP WAC requirements (including NDA Batch reports).
- Pu materials are also considered complete when they have been sent to another site for treatment or disposition. Plutonium materials (Pu, Pu + U) removed from the Hanford DNFSB 94-1/2000-1 inventories through other DOE approved means shall also be considered stabilized.

Assumptions:

- IAEA availability/support to swap more items during each planned visit or exchange of Rocky Flats material at Savannah River Site. All material will be swapped by August 31, 2003.
- Any waiver to the 3013 criteria to allow the reduced temperature stabilization of high chloride materials granted to Rocky Flats will also apply to Hanford and will be granted in a timely manner.
- PFP material inventory is adequately represented by existing Material Inventory Surveillance (MIS) samples in the MIS program and additional samples are not required.

Performance Objective 2b: Complete transfer of special nuclear material to Savannah River Site or a DOE approved interim storage facility by 9/30/05

- Ship all special nuclear material to Savannah River Site (SR) or placed in DOE-RL approved interim storage.
 - For SNM shipped to SR or other approved location, it is complete when it leaves the PFP PA on approved transport.
 - SNM - Special Nuclear Material is defined to be that quantity required to be removed in order to reduce the protected area, except holdup material covered in 2c below.

Assumptions:

- The DOE-RL/DOE-AL-OTS surveillance is the only readiness activity to be conducted to commence off-site shipping. For on-site shipping, a security transportation plan and requirements review will be performed.
- DOE-SRS/DOE-RL approved shipping and receiving plan will permit shipments in either 9975 or SAFKEGs by either Safe Secure Transport or commercial carrier
- M60/60A and RRSC's are authorized for onsite shipment.

Performance Objective 2c: Complete legacy holdup removal and packaging/disposition of material/wastes by 9/30/05

- Complete legacy holdup removal and packaging/disposition of material/wastes. Pu holdup disposition is considered complete when: All material has been removed, treated (if required), characterized, and packaged to meet Hanford Site Solid Waste Acceptance

Criteria (which incorporates the WIPP Waste Acceptance Criteria (WAC) requirements) or packaged to DOE-STD-3013 Standard requirements and stored in the vaults, or removed from the PFP protected area, or removed from the Material Control Accountability (MC&A) records. Any 3013 containers generated need to be removed from the protected area in accordance with 2b.

- Holdup Material – Any plutonium-bearing residue remaining in pipe systems, ducts, gloveboxes, tanks, etc. as identified in the Material and Accountability records, that must be removed to accomplish 2d below.

Assumptions:

- “Pu holdup” is defined as that holdup material required to be removed to eliminate the PFP Protected Area.
- FH assumes that “limited area islands” may be established or retained to protect government assets (both information and SNM) that will remain at PFP following successful completion of this PI but that are below the threshold for Protected Area controls.
- The quantities and attractiveness of legacy holdup to be removed from PFP are not materially greater than the values in the MC&A records as of 9/30/02.

Performance Objective 2d: Eliminate the PFP protected area by 12/30/05

- Eliminate the security protected area at the PFP complex by December 30, 2005, so that special access requirements, controls, safeguards and security dictated by DOE Orders for protected areas are no longer required. Limited Area “islands” are acceptable for protection of information and residue Pu beyond 12/30/05.

Assumptions:

- Protected Area reduction requirements will not be materially different than those applied at Hanford in October 2002.
- Material/Waste held back after 9/30/05 for required samples are low enough in quantity and attractiveness to not require protected area controls.

Performance Objective 3: Place all Cesium/Strontium (Cs/Sr) capsule packages into dry storage by 9/30/06.

- Place all Cesium/Strontium (Cs/Sr) capsule packages into dry storage by 9/30/06.
 - Complete when the last capsule is placed in dry storage facility in accordance with Documented Safety Analysis.

Assumptions:

- A commercial provider of a “turn-key” storage system will be available and can meet schedule requirements.
- Obtain Part B permit and NOC required for dry storage by no later than 03/31/05.
- NEPA/SEPA, RCRA permitting can start based on conceptual design.
- Define NEPA level as Environmental Assessment by 3/31/04
- A FONSI will be issued by 9/30/04.

Performance Objective 4: Remove sodium and fuel assemblies from Fast Flux Test Facility (FFTF) within 293 calendar days of RL CO direction to proceed with deactivation.

Performance Objective 4a: Drain secondary sodium within 57 calendar days of RL CO direction to proceed with deactivation.

- Secondary Sodium systems will be drained of their sodium inventories to the maximum extent practicable, recognizing that this will leave residual sodium. Residual sodium is

described in the Fast Flux Test Facility Closure Project, Project management Plan, HNF-SD-FF-SSP-004, Revision 5, September 30, 2002 and includes sodium in cold traps, low points in piping systems, and non-draining, small diameter piping.

- Approximately 56,000 gallons of sodium will be transferred from the 3 Secondary Heat Transport System loops to the Sodium Storage Facility in accordance with the Secondary Sodium Drain procedure. (Approximately 7,000 gallons of Secondary Sodium was previously transferred to the primary system storage tanks and approximately 3,000 gallons will be transferred to T-43, a primary sodium storage tank, to perform sodium flush of in containment NaK loops.) The actual amount of secondary sodium drained will be determined by measuring the sodium level in the secondary drain tank and/or Sodium Storage Facility tank(s). Associated trace heat systems will be de-energized and secondary main motor and pony motors secured. Completion does not include disposition of residual sodium in piping system, cold traps, and other low points in the system, shutdown and lay up of associated cover gas, electrical support, heating & ventilation, secondary pump lube oil skids, or other Secondary Heat Transport System support systems.

Assumption:

Following drain of the first two loops a heat input test is to be conducted. If the results from the test indicate inadequate heat input, the third loop will not be drained and the PI will be considered successfully completed.

Performance Objective 4b: Remove fuel assemblies within 293 calendar days of RL CO direction to proceed with deactivation.

- Wash, dry and store 81 FFTF fuel assemblies.
- Irradiated fuel assemblies (Category IV) are to be loaded in Interim Storage Casks (ISC) and stored in the 400 Area Interim Storage Area (ISA) or the 200 Area ISA. Irradiated fuel assemblies (Category III) will be stored in ISC and transported to PFP. Slightly and moderately radioactive fuel assemblies (Category I and II) will be stored in ISC and transported to PFP. Unirradiated fuel (Category I) will be stored in separate ISCs and transported to PFP.
- All the Category I, II, and III fuel assemblies are to be part of the 81 fuel assemblies to be dispositioned except for the sodium bonded assemblies.

Government Furnished Services/Items:

Performance Objective 1

- Termination of the CVDF, K-East, and K-West Nuclear Facility designation requirements upon the shipment of the last product (fuel, scrap, sludge, and basin water) will be approved by DOE-RL within 60 days of submission.
- Revision of the End-Point-Criteria for the transition to the River Corridor Contractor to only require the de-inventory of vessels/systems, removal/shipment of resulting de-inventoried wastes, and the de-energization of all systems without the removal of canister racks will be approved by DOE-RL within 60 days of submission.
- Safeguards measures which may be required for on site storage of SNF Sludge, Scrap or Debris (e.g., at T Plant) may be achieved by a combination of application of formal Administrative controls and Tamper Indicating Devices (TID) directly to Cell Block covers; vs. applying TIDs to individual containers. Formal Deviation (variance) will be approved by DOE-RL within 60 days of FH submittal.
- DOE will approve FH's SNM Accountability Deviation Request to allow Termination of SNM Safeguards for K-East sludge, prior to shipment to T Plant; within 40 days of FH submittal.

Performance Objective 2

2.a

- Obtain 9975 SARP Certificate of Compliance (C of C) Amendment allowing PFP 3013s by 2/28/03
- Receive DOE-RL written direction as to the disposition path for 126 items requested by LLNL by 1/31/03. If the disposition path is to LLNL, LLNL must accept all material no later than 2/18/04 or relief will be granted from the 2/18/04 date. Further, if the disposition path is to LLNL, the SAFKEG SARP (C of C) must be approved by 3/1/03
- DOE-SR approval of PFP's compliance with SRS acceptance criteria within 60 days of submittal
- Approve Safeguard Termination Limit (STL) for low plutonium content mixed oxides and group II residue alloys (dispose as is) within 60 days of submittal.
- Expedite non-PSAP security clearance processing for a large number of PFP new hires; average Q clearance processing durations will be reduced to 6 months; clearances active at other DOE sites can be transferred to Hanford. Approved PSAP personnel that transfer from other sites, complete Hanford specific PSAP requirements, and precertification documents are approved into the Hanford PSAP program within 5 working days.

2.b

- At least 75 9975 certified over packs will be made available to PFP from DOE-RF by 2/28/03
- Obtain 9975 SARP (C of C) Amendment allowing use of PFP 3013s by 2/28/03
- Obtain SAFKEG (C of C) by 3/1/03
- DOE-SR approval of PFP's compliance with SRS acceptance criteria within 60 days of submittal
- Approve DOE-SRS/RL Shipping and Receiving Plan by 1/31/03
- Approve Supplement Analysis and Record of Decision (ROD) amendment for PFP WG and FG material by 2/28/03
- Approve one-time exception to ship FFTF fuel to SRS in M60 and RRSCs, or approve a deviation regarding disposition by co-mingling with irradiated fuel (if supported by a Vulnerability Assessment) within 90 days of submittal.
- Provide Safe and Secure Transports (SSTs) beginning November 1, 2003 at a rate to achieve an average of 16.5 truck and trailer shipments per quarter until de-inventory is completed or provide written direction to proceed with the design, construction and loading of an alternate on-site storage facility no later than 3/31/03.

2.c

- FH will accelerate submittal of the Legacy Holdup Removal and disposition plan, approval by DOE-RL will be provided within 60 days of receipt.
- Expedite non-PSAP security clearance processing for a large number of PFP new hires; average Q clearance processing durations will be reduced to 6 months; clearances active at other DOE sites can be transferred to Hanford. Approved PSAP personnel that transfer from other sites, complete Hanford specific PSAP requirements, and precertification documents are approved into the Hanford PSAP program within 5 working days.
- DOE-RL will approve STL(s) for discard of legacy Pu holdup within 60 days of submittal by FH.

2.d

- Expedite non-PSAP security clearance processing for a large number of PFP new hires; average Q clearance processing durations will be reduced to 6 months; clearances active at other DOE sites can be transferred to Hanford. Approved PSAP personnel that transfer from other sites, complete Hanford specific PSAP requirements and precertification documents and are approved into the Hanford PSAP program within 5 working days.
- FH will accelerate submittal of the safeguards and security plan for elimination of the PFP Protected Area; approval by DOE-RL will be provided within 90 days of submittal.
- DOE-RL will approve requests for reconfiguration and/or elimination of MBAs and MAAs within 30 days of receipt from FH.

Performance Objective 3

- Support FH efforts to gain concurrence that NEPA/SEPA, RCRA permitting/NOC can start based on conceptual design (03/31/04).
- The Cs/Sr safety analysis will be approved by DOE-RL within 60 days of submittal.
- DOE-RL will approve Vulnerability Assessment within 60 days of submittal.
- DOE-RL will issue the authorization to proceed no later than April 1, 2003.
- Safety analysis will start based on the Conceptual Design Report.

Performance Objective 4

- DOE-RL will expedite processing of 8 - 12 security clearances for FFTF persons in critical positions within 90 days of submittal. Estimated submittal date April 1 – July 1, 2003.
- The SARP that addresses technical changes for the ISC and the transporter system for on-site shipments will be approved by DOE-RL within 60 days of submittal to DOE-RL.